EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	52	(("20040141625") or ("5663534") or ("5218643") or ("5287413") or ("5702785") or ("6226927") or ("6873837") or ("20050153680") or ("6324294") or ("6377695") or ("5679934") or ("6062339") or ("4991433") or ("5218175") or ("20050111673") or ("4360875") or ("4573286") or ("4951727") or ("5369976") or ("5526675") or ("5765511") or ("5798688") or ("6040761") or ("6060700") or ("4258945") or ("4287997") or ("4324434") or ("4342355") or ("4357046") or ("4358238") or ("4359714") or ("4417764") or ("4433759") or ("4433505") or ("4460035") or ("4463296") or ("4519443") or ("4541258") or ("4561211") or ("4589463") or ("4599031") or ("4621435") or ("4630858") or ("4756571") or ("4768088") or ("4768277") or ("4793284") or ("4840773") or ("4850142") or ("4852798")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/05 15:21

S2	1	("5663534").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/30 12:27
S3	5	"5663534"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 12:27
S4	109154	(CAR OR vehicle) same door $4speaker$1 same resonant same (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:14
S5	1	(CAR OR vehicle) same door same $4speaker$1 same resonant same (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/21 12:51
S6	1	(CAR OR vehicle) and door and $4speaker$1 and resonant and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/21 12:51
S7	47	(CAR OR vehicle) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:46
S8	11	S7 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:24
S9	2	((("5193118") or ("5218175") or ("5218175")).PN.	USPAT; USOCR	OR	OFF	2007/03/30 14:46
S10	2	((("5193118") or ("5218175") or ("5218175")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/30 14:47
S11	3	((("5193118") or ("5218175") or ("5170435")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/30 14:47
S12	9	("4493389" | "4924962").PN. OR ("5218175").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 15:22
S13	13	("4085289" | "4144416" | "4549631" | "4567959" | "4574391" | "4648117").PN. OR ("5193118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 15:41
S14	20	("2301744" | "4628528" | "4924962").PN. OR ("5170435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 15:44
S15	3	"6578658"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 16:30

S16	18	("4277653" | "4502149" | "4550796" | "4728143" | "4905860" | "5008944" | "5218175" | "5591946" | "5663534" | "5736689" | "5750942" | "5754664" | "5820191" | "5920039" | "5967585" | "5979590").PN. OR ("6578658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/30 17:10
S17	3	(("4728143") or ("5218175") or ("5663534")).PN.	USPAT; USOCR	OR	OFF	2007/03/30 17:11
S18	1	((381/86).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:14
S19	4	(("381"/$).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:18
S20	3	(("181"/$).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:20
S21	2	(("181"/141).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:20
S22	0	(("181"/148).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:20
S23	1	(("181"/150).ccls.) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:23
S24	5	(("181"/150).ccls.) and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:23
S25	14	(CAR OR vehicle) and (("381"/$).ccls.) and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:27
S26	10	S25 and @ay< ="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/03 11:36
S27	4	(CAR OR vehicle) and (("181"/$).ccls.) and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/30 17:27
S28	4	(("2,917,127") or ("4,131,179") or ("4,905,860")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/03 11:34

S29	5	(vehicle or car or automobil) same resonant same cavity same (passenger adj compartment)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/03 11:39
S30	2	S28 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/03 11:39
S31	5	(vehicle or car or automobile) same resonant same cavity same (passenger adj compartment)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/04/03 11:39
S32	4	S31 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/03 11:39
S33	3	((KURT) near2 (LEIPOLD)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/05 11:20
S34	1	("5193118").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/04/05 15:12
S35	0	(two adj open$3) same (seal$3 adj lip) same compres$3 same door same seal$1 same (two adj cavit$3) same outside	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:26
S36	0	(two adj open$3) same (seal$3 adj lip) same compres$3 same door same seal$1 same (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:26
S37	0	(two adj open$3) same (seal$3 adj lip) same door same seal$1 same (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:27
S38	0	(two adj open$3) and (seal$3 adj lip) and door and seal$1 and (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:27
S39	1	(two adj opening) and (seal$3 adj lip) and door and seal$1 and (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:28
S40	1	(two adj opening) and (seal$3) and door and seal $1 and (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:28
S41	141	(opening) and (seal$3) and door and seal$1 and (two adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 17:04
S42	99	S41 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:47

S43	279	(CAR OR vehicle) and door and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:46
S44	160	S43 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:48
S45	0	(("381"/$).ccls.) and S43 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:47
S46	2	(("181"/$).ccls.) and S43 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/05 15:47
S47	2	(car or vehicle or automobuile) and door and (flexible adj (tube or pipe or hose)) and (second adj cavit$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/07 12:43
S48	49	(car or vehicle or automobuile) and door and (flexible adj (tube or pipe or hose)) and (second adj (cavit$3 or chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/07 12:44
S49	32	S48 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 14:46
S50	19585	(CAR OR vehicle or automobuile) and bellows	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 14:45
S51	5288	door same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 14:45
S52	28	S50 and S51 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 14:46
S53	1	(third adj (cavity or chamber)) same (outside adj door) same (coupling adj device$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 16:55
S54	1	(third adj (cavity or chamber)) and (outside adj door) and (coupling adj device$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/09 16:55
S55	1907	(CAR OR vehicle) and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:16
S56	989	((381/86 or 381/389).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:16
S57	2023	((381/335-336 or 381/386 or 381/345).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:17

S58	2177	(CAR OR vehicle or automobile) and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:28
S59	330	((381/304-305 or 381/302 or 381/332).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:18
S60	1201	((381/150 or 381/152 or 381/162).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:19
S61	1012	((381/165 or 381/349-351 or 381/162).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:20
S62	1113	((181/148 or 181/141 or 381/150).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:20
S63	852	((296/146.9 or 296/146.5).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:21
S64	757	((49/502).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:21
S65	0	S56 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:29
S66	4	S57 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:25
S67	0	S59 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:25
S68	0	S60 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:25
S69	1	S61 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:26
S70	3	S62 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:27
S71	0	S63 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:27
S72	2823	(CAR OR vehicle or automobile) and (third adj (chamber$1 or cavit$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:28
S73	0	S56 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:29
S74	2	S57 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:29

S75	0	S59 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:30
S76	0	S60 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:30
S77	0	S61 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 12:04
S78	0	S62 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:30
S79	0	S63 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:30
S80	1694	S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:31
S81	145	door and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:31
S82	16	door and $4speaker$1 and S72 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 09:35
S83	97	door and $4speaker$1 and bellows and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 12:01
S84	181	(passenger adj compartment) same (divid$4 or saperat$4) same (cavit$4 or chamber$1)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 12:03
S85	144570	(CAR OR vehicle or automobuile) and door	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 12:04
S86	14	S84 and S85 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/10 12:04
S87	1	("5,606,623").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/20 17:07
S88	12	("4099026" | "4100372" | "4673056" | "5094316").PN. OR ("5606623").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/20 17:08
S89	2	door with $4speaker$1 with (spac$3 cavit$3) with first with second with frame	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/21 12:55
S90	53	$4speaker$1 with (spac$3 cavit$3) with first with second same (car or vehicle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/21 12:56

S91	29	S90 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/21 12:57
S92	1	(CAR OR vehicle) same door same $4speaker$1 same resonant same (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:25
S93	2275	(CAR$1 OR vehicle$1) same door same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:25
S94	537	resonant same (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:26
S95	0	S93 and S94 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:28
S96	0	((381/86).ccls.) and S94 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:29
S97	60	(car$1 or vehicle$1) and door and $4speaker$1 and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:30
S98	13	S97 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:30
S99	13	S97 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 11:32
S100	1971499	(car or vehicle or automobuile)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:33
S101	1261	resonant and (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:34
S102	39	S100 and S101 and @ay< = "2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 11:34
S103	1	(CAR OR vehicle) same door same $4speaker$1 same (second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:41
S104	1974	(CAR OR vehicle) same door same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:41
S105	14354	(second adj cavity)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 11:41

S106	8	S104 and S105 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 11:42
S107	1380399	spac$4 same first same second $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:07
S108	94399	S100 same S107	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:08
S109	436	((381/86).ccls.) and S108 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:08
S110	2194	space same first same second same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:09
S111	4079	spac$4 same first same second same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:10
S112	316	S100 same S111	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/19 12:11
S113	29	S112 and door and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 12:11
S114	6	resonant same (second adj cavity) same frame	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 14:43
S115	4805	resonant same frame	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 15:04
S116	302	resonant same frame same hollow	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 15:04
S117	0	((381/86).ccls.) and S116 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 15:05
S118	37	((381/86).ccls.) and hollow and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 15:05
S119	32	((381/86).ccls.) and resonant and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 15:19
S120	190	((381/86).ccls.) and door $1 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/05/21 16:12

5/22/2008 10:35:33 AM
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